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# PATENT ABSTRACTS OF JAPAN

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(43)Date of publication of application : 09.06.1998

(51)Int.Cl. G03B 42/02  
H04N 1/04  
H04N 1/40

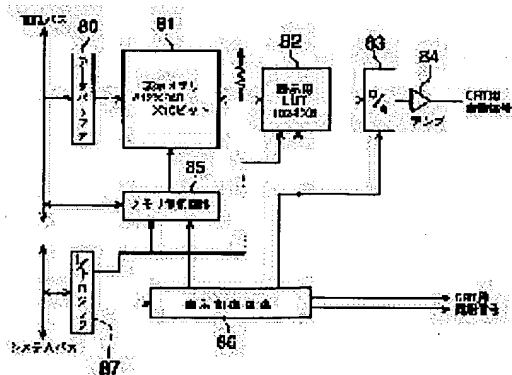
(21)Application number : 09-294015 (71)Applicant : KONICA CORP  
(22)Date of filing : 27.10.1997 (72)Inventor : HANDA HIDEYUKI  
KARASAWA HARUO  
TAKEUCHI HIROSHI

## (54) RADIOGRAPH INFORMATION READING AND DISPLAYING DEVICE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To rapidly obtain an image whose diagnosing performance is high by successively displaying the image as the image is read, and also erasing the image displayed till then before the image is displayed.

**SOLUTION:** The image obtained based on the image data obtained in accordance with reading by means of a reading means is successively displayed on the display means and also the image displayed on the display means till then is erased before the image obtained in accordance with the reading is displayed. In the device, the writing and the reading of a memory 81 for display are controlled by a memory control circuit 85, and such entire display control as data transmitting control and the generation of signal synchronization is performed by a display control circuit 86. A CPU erases the image displayed till then by giving an erasing instruction to the circuit 86 in the case of starting photographing. A dual port RAM is used as the memory 81 for display and black data is written from a reading-out port side, so that the display time for one frame is enough for completing that.



## LEGAL STATUS

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[Date of sending the examiner's decision of rejection]	
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[Patent number]	2976196
[Date of registration]	10.09.1999
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[Date of requesting appeal against examiner's decision of rejection]	
[Date of extinction of right]	10.01.2001

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3. In the drawings, any words are not translated.

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CLAIMS

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[Claim(s)]

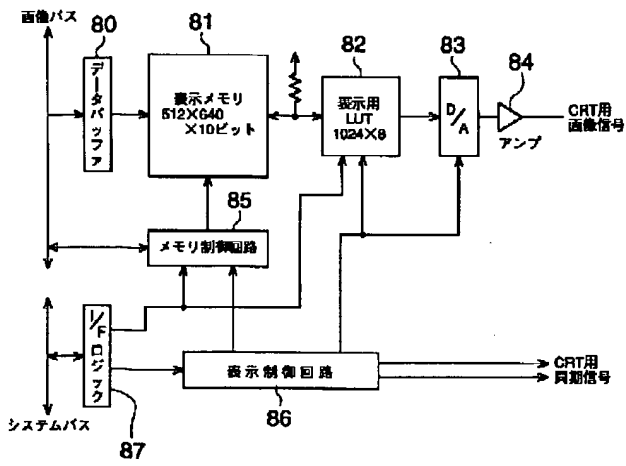
[Claim 1] A reading means to read the radiation image transformation panel by which the radiation image was recorded, and to obtain image data, Have a display means to display the image based on image data, and one by one, while displaying the image based on said image data obtained according to reading by the aforementioned reading means on a display means The radiation image information reading display characterized by preceding displaying the image according to this reading, and eliminating the image currently displayed on said display means till then.

[Claim 2] The radiation image information reading display according to claim 1 characterized by changing the image displayed on said display means based on said image-processing conditions after having a means to search for the image-processing conditions according to said radiation image, based on the characteristic quantity of said image data and searching for said image-processing conditions.

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[Translation done.]

Drawing selection Representative drawing



[Translation done.]

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-062878

(43)Date of publication of application : 06.03.1998

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H04N 1/04

(21)Application number : 09-151599

(71)Applicant : KONICA CORP

(22)Date of filing : 26.05.1997

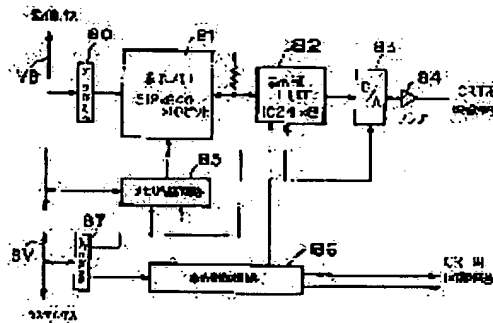
(72)Inventor : HANDA HIDEYUKI  
KARASAWA HARUO

## (54) RADIOGRAPH PICTURE INFORMATION READER

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain picture data having high instantanity and diagnostic characteristic by using thinned picture data or changing a processing condition in the case of finding a picture processing condition in accordance with a radiation picture after the radiation picture is photographed on a radiation picture converting panel.

**SOLUTION:** The picture data passing through a picture bus VB are successively written in a memory 81 for display through a data buffer 80. The memory 81 is successively transmitted to a look-up table 82 for display, converted, compressed, converted to analog data by a D/A converter 83, further amplified by an amplifier 84 so as to be a video signal for CRT, and given to a CRT display device. Display changes at the point by the rewriting control of the table 82 by a CPU 50. As to the display in the middle of being read; the entire areas of picture data can be observed, so that the deviation of a photographing position and the rough feeling of the picture data can be grasped. Whether re-photographing is required or not can be instantaneously decided.



### LEGAL STATUS

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[Date of final disposal for application]	
[Patent number]	3038407
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[Number of appeal against examiner's decision of rejection]	11-01835

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